

APR 30 2004

FORM - 1449

SHEET 1 OF 5

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

1998B076E

SERIAL NO.

09/574,261

APPLICANT

Paul K. Ladwig et al.

FILING DATE

May 19, 2000

GROUP

1764

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WG	AA	3,533,937	10/13/70	Stankis	208	62
WG	AB	3,770,618	11/06/73	Adams et al.	208	216
WG	AC	3,801,494	04/02/74	Moore et al.	208	79
WG	AD	3,899,543	08/12/75	Cosyns et al.	260	667
WG	AE	3,957,625	05/18/76	Orkin	208	211
WG	AF	3,959,116	05/25/76	Arey, Jr. et al.	208	66
WG	AG	4,176,049	11/27/79	Winter et al.	208	70
WG	AH	4,177,136	12/04/79	Herrington et al.	208	215
WG	AI	4,390,413	06/28/83	O'Rear et al.	208	61

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
WG	AJ	EP 0 022 883 B1	11/23/83	Europe	C10G	69/04		
WG	AK	EP 0 093 475 A1	11/09/83	Europe	C10G	35/06		
WG	AL	EP 0 109 060 B1	03/11/87	Europe	C07C	11/06		

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Walter O. Duff

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WG	AA	4,927,526	05/22/90	Anderson et al.	208	152
WG	AB	4,975,179	12/04/90	Harandi et al.	208	66
WG	AC	5,041,208	08/20/91	Patridge et al.	208	138
WG	AD	5,047,142	09/10/91	Sherwood, Jr. et al.	208	251 H
WG	AE	5,143,596	09/01/92	Maxwell et al.	208	89
WG	AF	5,160,424	11/03/92	Le et al.	208	67
WG	AG	5,220,089	06/15/93	Le et al.	585	643
WG	AH	5,286,373	02/15/94	Sudhakar et al.	208	216
WG	AI	5,346,609	09/13/94	Fletcher et al.	208	89

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
WG	AJ	EP 0 235 416 B1	02/06/91	Europe	C10G	35/095		
WG	AK	EP 0 420 326 B1	02/15/95	Europe	C10G	35/095		
WG	AL	EP 0 557 527 B1	02/28/96	Europe	C10G	35/095		

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May 19, 2000	1764

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WG	AA	5,347,061	09/13/94	Harandi et al.	585	323	
WG	AB	5,348,928	09/20/94	Kukes et al.	502	306	
WG	AC	5,358,633	10/25/94	Dai et al.	208	216 R	
WG	AD	5,409,596	04/25/95	Fletcher et al.	208	89	
WG	AE	5,468,372	11/21/95	Seamans et al.	208	216 R	
WG	AF	5,525,211	06/11/96	Sudhakar et al.	208	217	
WG	AG	5,576,256	11/19/96	Monque et al.	502	61	
WG	AH	5,643,441	07/01/97	Timken et al.	208	89	
WG	AI	5,770,047	06/23/98	Salazar et al.	208	254 R	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES <input type="checkbox"/> NO <input type="checkbox"/>
WG	AJ	EP 0 921 179 A1	06/09/99	Europe	C10G	11/05	
WG	AK	EP 0 921 181 A1	06/09/99	Europe	C10G	11/05	
WG	AL	WO 98/53030 A1	11/26/98	PCT	C10G	69/08	
WG	AM	WO 01/04237 A2	01/18/01	PCT	C10G	11/00	

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WG	AA	5,846,403	12/08/98	Swan et al.	208	113	
WG	AB	5,951,963	09/14/99	He et al.	423	713	
WG	AC	5,985,136	11/16/99	Brignac et al.	208	216 R	
WG	AD	5,997,728	12/07/99	Adewuyi et al.	208	120.01	
WG	AE	6,126,812	10/03/00	Drake et al.	208	134	
WG	AF	6,126,814	10/03/00	Lapinski et al.	208	217	
WG	AG	6,388,152	05/14/02	Ladwig et al.	585	330	
	AH	6,489,530	12/03/02	Stuntz	585	648	
	AI						
	AJ						
	AK						

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		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							

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OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

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Abstract, Elvers B. et al., "Ullmann's Encycl. Industrial Chemistry", 1992, Vch Verlag, Weinheim, DE, Volume A21, pages 518-519, paragraph 2.1.1, "Propene" (XP002174091)

WG

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Abstract, Moore, E.P., "Monomer Supply", Polypropylene Handbook, 1996, Hanser Publ., Munich, DE, pages 262-264, paragraph 7.1.4, (XP002174092)

WG

AF

Derouane et al., "Synthesis and Characterization of ZSM-5 Type Zeolites", Applied Catalysis, Vol. 1, pp. 201-224, (1981).

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Fleisch et al., "Hydrothermal Dealumination of Faujasites", Journal of Catalysis, Vol. 99, pp. 117-125 (1986).

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Gross et al., "Surface composition of dealuminated Y zeolites studied by X-ray photoelectron spectroscopy", Zeolites, Vol. 4, Number 1, pp. 25-29, (January, 1984)

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Hsing, L.H. et al., "Cracking of FC and Coker Naphthas by ZSM-5 Catalyst and Equilibrium FC Catalyst", Preprints, Vol. 39, No. 3, July 1994, pp. 388-392 (XP000984372) American Chemical Society, Washington, DC

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WG

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Kung, "Intrinsic activities and pore diffusion effect in hydrocarbon cracking in steamed Y zeolite", Studies in Surface Science and Catalysis, Vol. 122, pp. 23-33, (1999, Elsevier).

WG

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Meyers et al., "A Multitechnique Characterization of Dealuminated Mordenites", Journal of Catalysis, Vol. 110, pp. 82-95 (1988).

WG

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Von Ballmoos et al., "Three-Dimensional Mapping of the Zoned Aluminum Distribution in ZSM-5", Proceedings of the Sixth International Zeolite Conference, Reno, NV, July 10-15, 1983, published by Butterworths & Co., Guildford, Engl., pp. 803-811, (1984).

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